

Patent claims

1. An inking unit (1) for printing units of rotary presses, characterized in that the inking unit (1)
5 can be removed from the printing unit and has a dedicated drive (24) for a plurality of rolls (2 to 7), the drive (14) being arranged on side walls (8; 9) which are assigned to the inking unit (1).
- 10 2. The inking unit (1) as claimed in claim 1, characterized in that a dampening unit (10) can be integrated.
- 15 3. The inking unit (1) as claimed in claim 2, characterized in that rolls (11; 12) which belong to the dampening unit (10) can be driven by the drive (24).
- 20 4. The inking unit (1) as claimed in one of claims 1 to 3, characterized in that the rolls (2 to 7; 11; 12) are configured as applicator rolls or distributor rolls.
- 25 5. The inking unit (1) as claimed in one of claims 1 to 4, characterized in that the inking unit (1) is configured as a cassette, can be inserted into and removed from the printing unit via guides (14; 15) and can be arranged on positioning elements by means of stops (16; 17).
- 30 6. The inking unit (1) as claimed in one of claims 1 to 5, characterized in that the inking unit (1) has interfaces (28) to which the energy supply,

machine control and/or data bus connection can be connected.

- 5 7. The inking unit (1) as claimed in one of claims 1 to 6, characterized in that the inking unit (1) has interfaces (27) to which the pressure medium supply, ink supply, dampening solution supply and temperature control means can be connected.
- 10 8. The inking unit (1) as claimed in one of claims 1 to 7, characterized in that servo drives (25) and/or operating cylinders (26) operated by pressure medium can be integrated.
- 15 9. The inking unit (1) as claimed in one of the abovementioned claims, characterized in that the inking unit (1) can be installed and dismantled without tools.
- 20 10. The inking unit (1) as claimed in one of the preceding claims, characterized in that the inking unit (1) which is removed from the printing unit can be operated in an apparatus.
- 25 11. The inking unit (1) as claimed in claim 10, characterized in that the apparatus has identical or similar mechanical, fluid and electrical interfaces to the printing unit.